



STATE OF IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

DRINKING WATER PLANNING GRANT

OUTLINE AND CHECKLIST FOR ENVIRONMENTAL INFORMATION DOCUMENTS

General Information

Name of Drinking Water System
Name of Project
Date

SECTION A: COVER SHEET

✓																			
	Is the project properly identified with the applicant's name, address, and project number?																		
	Is the project contact person named on the cover sheet, along with their address and phone number?																		
	<p>Are project costs and funding sources provided in such a way that it is clear what the project will cost and how it will be funded?</p> <p>A recommended format for showing the costs and funding follows:</p> <table border="1"> <tr> <td>Estimated construction costs</td> <td>\$</td> </tr> <tr> <td>Distribution system</td> <td>\$</td> </tr> <tr> <td>Treatment facility</td> <td>\$</td> </tr> <tr> <td>Reservoir</td> <td>\$</td> </tr> <tr> <td>Pumping stations</td> <td>\$</td> </tr> <tr> <td>Total Estimated Costs</td> <td>\$</td> </tr> <tr> <td>DEQ Share</td> <td>\$</td> </tr> <tr> <td>Other Share</td> <td>\$</td> </tr> <tr> <td>TOTAL FUNDING</td> <td>\$</td> </tr> </table>	Estimated construction costs	\$	Distribution system	\$	Treatment facility	\$	Reservoir	\$	Pumping stations	\$	Total Estimated Costs	\$	DEQ Share	\$	Other Share	\$	TOTAL FUNDING	\$
Estimated construction costs	\$																		
Distribution system	\$																		
Treatment facility	\$																		
Reservoir	\$																		
Pumping stations	\$																		
Total Estimated Costs	\$																		
DEQ Share	\$																		
Other Share	\$																		
TOTAL FUNDING	\$																		

	Is the EID a stand-alone chapter or appendix?
	<p>Does the cover sheet provide information about the estimated user costs of the project?</p> <p>Recommended format for this section is as follows:</p> <p>“The existing user charge is ____ per month and the debt of service charge is ____ per month. This project would increase the user charge by ____ per month and debt service charge by ____ per month. The total monthly cost per household after the project is in operation will therefore be ____ per month.”</p>
	Does the cover sheet provide a one-paragraph abstract of the EID?

SECTION B: PURPOSE AND NEED FOR THE PROPOSED PROJECT

✓	
	Does the document provide a clear discussion of the need for the proposed facility relative to public health and water quality problems and other concerns?

SECTION C: ALTERNATIVES INCLUDING THE PROPOSED ACTION

✓	
	Does the document briefly describe all alternatives studied in the planning document, including the “No Action” alternative?
	Does the document discuss low-cost alternative technologies if the project will be built in a small community?
	Does the document compare the alternatives with respect to relevant environmental impacts and capital and operating cost?
	Does the document discuss the apparent best alternative in detail? Including:
	<ul style="list-style-type: none"> • Primary treatment and distribution methods.
	<ul style="list-style-type: none"> • Location of proposed new facilities.
	<ul style="list-style-type: none"> • Other
	If the selected alternative is not the most cost-effective one, does the document provide a justification for this?

SECTION D: AFFECTED ENVIRONMENT

✓	
	Is a description of the project planning area included in the document?

	Characterize the planning area included under the facility study effort. Describe the planning area boundaries and key topographic and geographic features of the area. Also discuss population distribution and industrial and commercial features of the planning area.
	Are the major features of the proposed project described?
	<ul style="list-style-type: none"> Describe the length, diameter, and type of material for distribution lines.
	<ul style="list-style-type: none"> Describe the number, size, depth and location of wells and related equipment and structures.
	<ul style="list-style-type: none"> Describe storage facilities, pumping stations and Fireflow requirements.
	<ul style="list-style-type: none"> Describe the location and type of treatment facilities.
	<ul style="list-style-type: none"> Describe any planned new or upgrade construction.
	<ul style="list-style-type: none"> If relevant, explain how the drinking water project fits into a regional plan.
	Are flow projections described for existing and projected (20-year drinking water flows (40- years for distribution)? Is the contribution of flow to residential, commercial, and industrial sources characterized including conservation measures (metering)?
	<p>Are pertinent natural and man-made features relating to environmental impacts identified?</p> <p>This section of the EID constitutes the heart of the environmental review of any drinking water construction project. It is this information that will be most important in determining whether a full environmental impact statement (EIS) will be required. It is important at this point to identify all features of the environment that will in any way be affected by the proposed project. Both direct and indirect impacts must be considered. Also, any means of reducing or eliminating adverse impacts must be proposed for implementation during the design and construction portions of the project.</p> <p>Below is a listing of major man-made and natural features that should be considered for each project. Questions relevant to each feature are included. These should be answered when appropriate and additional information provided when necessary in the extra space provided. Much of the information provided in Section D of the EID can be referenced in completing the section entitled, "ENVIRONMENTAL IMPACTS OF PROPOSED PROJECT." Alternatively, the community may wish to combine Sections D and F of the EID outline into one section in the final environmental document.</p>
	a. Physical Aspects (Topography, Geology, and Soils):
	<ul style="list-style-type: none"> Are there physical conditions (e.g., steep slopes, shrink –swell soils, etc.) that might be adversely affected by or might adversely affect construction of the facilities?

	<ul style="list-style-type: none"> Are there similar physical conditions in the planning area that might make development unsuitable?
	<ul style="list-style-type: none"> Are there any unusual or unique geological features that might be affected?
	<ul style="list-style-type: none"> Are there any hazardous areas (slides, faults) that might affect construction or development?
	Discussion:
	b. Climate
	<ul style="list-style-type: none"> Are there any unusual or special meteorological constraints in the planning area that might result in an air quality problem?
	<ul style="list-style-type: none"> Are there any unusual or special meteorological constraints in the planning area that affect the feasibility of the proposed alternative?
	Discussion:
	c. Population
	<ul style="list-style-type: none"> Are the growth rates excessive (exceeding 6 percent per annum for the 20-year planning period)?
	<ul style="list-style-type: none"> Do the plans call for sufficient extra capacity?
	Discussion:
	d. Economics and Social Profile
	<ul style="list-style-type: none"> Does documentation exist which suggests that the local populace can afford to build the project?
	<ul style="list-style-type: none"> Will certain landowners benefit substantially from the development of land due to trunk line routing or DWTP location and size?
	<ul style="list-style-type: none"> Will the facilities adversely affect land values?
	<ul style="list-style-type: none"> Are any poor or disadvantaged groups adversely affected by this project?
	Discussion:
	e. Land Use
	<ul style="list-style-type: none"> Is the location of the DWTP or other facilities incompatible with local

	land use plans?
	<ul style="list-style-type: none"> Will inhabited areas be adversely impacted by the project construction project?
	<ul style="list-style-type: none"> Will new development stimulated by a new drinking water facility have adverse effects on older, existing land uses (agriculture, forestland, etc.)?
	<ul style="list-style-type: none"> Will this project contribute to changes in land use in association with recreation, mining or other large industrial or energy development?
	Discussion:
	f. Flood Plain Development – No floodway construction is allowed.
	<ul style="list-style-type: none"> Has the community determined if any part of the planned drinking water project will be located within the 100-year floodplain?
	<ul style="list-style-type: none"> If some part of the planned drinking water facility will be located within the 100-year floodplain, and no practicable alternative to this exists, has the community indicated that measures will be included in the design of the facilities to minimize or avoid adverse effects to the floodplain?
	<ul style="list-style-type: none"> Will the facility be able to fully function and operate during the 100-year flood event?
	<ul style="list-style-type: none"> If the 100-year floodplain will be impacted by the proposed project, has the community indicated how the public will be notified of this and how public input will be recorded?
	<ul style="list-style-type: none"> If the project or some part of it will be in the 100-year floodplain is the grantee currently participating in the National Flood Insurance Program?
	Discussion:
	g. Wetlands
	<ul style="list-style-type: none"> Is any portion of the project planning area located within wetlands as defined and mapped by the U.S. Fish and Wildlife Service or as determined through site visits by the U.S. Corps of Engineers (COE), the Soil Conservation Service, or a private consultant?
	<ul style="list-style-type: none"> Is part of the proposed project will be located in or will affect wetlands, as determined by maps and/or site investigations, will a 404 dredge and fill permit be required from the U.S. Army Corp or Engineers?
	<ul style="list-style-type: none"> Have alternatives to keeping the project outside the identified wetlands been proposed in the EID or engineering report?

	<ul style="list-style-type: none"> • If part of the proposed project will be located in an identified wetland, and no practicable alternative exists, has a wetlands assessment of measures to minimize adverse affects been made?
	Discussion:
	h. Wild and Scenic Rivers
	<ul style="list-style-type: none"> • Does the planning area contain a designated or proposed wild and scenic river?
	Discussion:
	i. Cultural Resources
	<ul style="list-style-type: none"> • Has the State of Idaho Historic Preservation Officer been consulted to determine if there are any properties (historic, architectural, archaeological) in the planning area which are listed, or eligible for listing, on the National Register of Historic Places?
	<ul style="list-style-type: none"> • If cultural resources have been identified in the project area, will the project have direct or indirect adverse impacts on any listed or eligible property?
	<ul style="list-style-type: none"> • Have all native American tribes with ancestral jurisdiction in the proposed project area been consulted about possible historic or religious properties?
	<ul style="list-style-type: none"> • Has the community developed mitigation measures to avoid or reduce adverse impacts to historic, tribal and cultural resources identified in the proposed project area?
	Discussion:
	j. Flora and Fauna
	<ul style="list-style-type: none"> • Has the U.S. Fish and Wildlife Service been consulted concerning threatened and endangered species that may inhabit the proposed project site?
	<ul style="list-style-type: none"> • Are there any designated threatened or endangered species or habitats in the planning area?
	<ul style="list-style-type: none"> • Will the project have direct or indirect adverse impacts on any such designated species or habitats?
	<ul style="list-style-type: none"> • Will the project have direct or indirect adverse impacts on other fish and wildlife, or their habitats, including migratory routes, wintering, or

	calving areas?
	<ul style="list-style-type: none"> Does the planning area include a sensitive habitat area designated by a local, state, or federal wildlife agency?
	Discussion:
	k. Recreation and Open Space
	<ul style="list-style-type: none"> Will the project eliminate or modify recreational open space, parks, or areas of recognized scenic or recreational value?
	<ul style="list-style-type: none"> Is it feasible to combine the project with parks, bicycle paths, hiking trails, waterway access, and other recreational uses?
	Discussion:
	l. Agricultural Lands
	<ul style="list-style-type: none"> Does the planning area contain any environmentally significant agricultural lands (prime, unique, statewide importance, local importance, etc.) as defined in the EPA Policy to Protect Environmentally Significant Agricultural Lands, dated September 8, 1978?
	<ul style="list-style-type: none"> If yes, will the project directly or indirectly encourage the irreversible conversion of environmentally significant agricultural lands to uses that result in the loss of these lands as an environmental or essential food production resource?
	Discussion:
	m. Air Quality
	<ul style="list-style-type: none"> Will there be any direct air emissions from the project (as from construction equipment) which will <u>not</u> meet federal and state emission standards contained in the State Air Quality Implementation Plan (SIP)?
	<ul style="list-style-type: none"> Is the project service area located in an area without an approved or conditionally approved SIP?
	<ul style="list-style-type: none"> Does the project violate national ambient air quality standards in an attainment or unclassified area?
	<ul style="list-style-type: none"> Will the facilities cause odor or noise nuisance problems?
	Discussion:

	n. Energy
	<ul style="list-style-type: none"> Are there additional cost-effective measures to reduce energy consumption or increase energy recovery that could be included in the project?
	<ul style="list-style-type: none"> Have air quality issues of energy recovery been addressed?
	Discussion:
	o. Regionalization
	<ul style="list-style-type: none"> Are there jurisdictional disputes or controversy over the project?
	<ul style="list-style-type: none"> Have intermunicipal agreements been signed?
	<ul style="list-style-type: none"> Have intermunicipal agreements been discussed with surrounding communities?
	Discussion:

SECTION E: MAPS, CHARTS, AND TABLES

✓	
	Are maps, charts, and other graphic materials used in the EID to help the reader clearly discern project features?
	Are all graphs, charts, tables, and other graphics clearly labeled and referenced properly in the text of the EID?

SECTION F: ENVIRONMENTAL IMPACTS OF PROPOSED PROJECT

✓	
	Are the direct and indirect impacts of the project upon man-made and natural features clearly identified, and is mitigation provided (refer to Section D of this attachment)?
	Are additional potential or existing impacts that are worthy of discussion in the EID noted?
	Are there obvious areas of impact that have not been considered in this evaluation? List them below.
	Have unavoidable adverse impacts that cannot be fully mitigated been listed and discussed?

SECTION G: MEANS TO MITIGATE ADVERSE ENVIRONMENTAL IMPACTS

✓	
	Have mitigation measures been clearly listed?
	Have means of achieving mitigation measures and monitoring their implementation been given?

SECTION H: PUBLIC PARTICIPATION

✓	
	Has the public been given at least 21 days to review the proposed project and environmental impacts?
	Have dates and meeting locations for all public hearings and meetings concerning the engineering report and environmental document been described in the EID?
	Have all issues raised by the public in meetings and hearings and by correspondence been described in the EID?
	Have public concerns been addressed in the final engineering report and environmental document?
	Have significant comments received from state and federal agencies been described and considered in the final engineering report and environmental document?

SECTION I: REFERENCES CONSULTED

✓	
	Is there a list of all reference documents consulted in preparation of the EID?

SECTION J: AGENCIES CONSULTED

✓	
	Is there a list of all agencies consulted during the preparation of the EID?

SECTION K: MAILING LIST

✓	
	Has a mailing list been included in the EID?
	Does the mailing list include the names and addresses of all attendees of public meetings, affected local residents, relevant environmental groups, DEQ and local officials, and agencies consulted?